

IMPROVED COMFORT THERMOSTAT

Abstract: The present invention discloses a method for controlling heating/cooling equipment to maintain a more consistently comfortable controlled environment. The process responds to minute fractional degree temperature changes in combination with logic to maintain high temperature consistency while protecting equipment from excessive rapid cycling. An encoding and decoding algorithm of the process saves thermostat cable conductors while assuring high reliability operation. A particular feature of the present invention is a one touch means of temporarily modifying the effective temperature setting on demand without complex programming actions, and returning to the original temperature setting automatically after a period of time.